Form Approved

International Certificate of Fitness for the Carriage of Liquefied Gases in Bulk



Issued under the provisions of the

International Code for the Construction and Equipment of Ships Carrying Liquefied Gases in Bulk (resolution MSC.5(48) as amended by resolution MSC.17(58))

Under the authority of the Government of United States of America by the UNITED STATES COAST GUARD

Name of Ship	Official Number	Port of Registry	Cargo Capacity (m ³)	Ship Type (Code Paragraph 2.1.2)

Date on which keel was laid or ship was at a similar stage of construction or, (in the case of a converted ship) date on which conversion to a gas carrier was commenced:

The ship also complies fully with the following amendments to the Code:

The ship is exempted from compliance with the following provisions of the Code:

THIS IS TO CERTIFY:

- 1 .1 That the ship has been surveyed in accordance with the provisions of 1.5 of the Code;
 - .2 That the survey showed that the structure, equipment, fittings, arrangements and materials of the ship and the conditions thereof are in all respects satisfactory and that the ship complies with the relevant provisions of the Code.
- 2 That the ship is suitable for carriage in bulk of the products listed on the annexed, signed and dated sheets numbered 1A provided that all relevant operational provisions of the Code are observed.
- 3 That the following design criteria have been used:
 - .1 ambient air temperature

 $^{\circ}C$

.2 ambient water temperature

 ^{0}C

An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number.

The Coast Guard estimates that the average burden for this report is 30 minutes. You may submit any comments concerning the accuracy of this burden estimate or any suggestions for reducing the burden to: Commandant (G-MOC-2), U.S. Coast Guard, 2100 2nd St, SW, Washington D.C. 20593-0001 or Office of Management and Budget, Paperwork Reduction Project (1625-0094), Washington, DC 20503.

.3						T	Г
	TANK TYPE	STRESS FACTORS				MATERIAL	MARVS
	AND NUMBER **	A	В	C	D		
	CARCO PIPPIG						
	CARGO PIPING						
	** Tank numbers referred to in th	nis list ar	e identifi	ed on the	annexed,	signed and dated tank plan n	numbered 2A.
4	Mechanical properties of the c	aroo tan	k materi	ial were a	determin	ed at °C,	°F.
	at, in accordance with 1.4^{1} and						
	own on the annexed, signed and	-	•			ic are mounted in respect	to the ship in the mainter
		dated Si	neets nui	mbered 3	OA.		
	at the ship must be loaded:	41.1					
.l	in accordance with the loading		_			_	-
	dated		igned by	a respon	nsible of	ficer of the Administratio	n, or of organization
	recognized by the Administrat	ion;¹					
.2	in accordance with the loading	limitati	ons app	ended to	this Cer	tificate.1	
Wl	nere it is required to load the shi	p other	than in a	accordan	ce with t	he above instruction, ther	n the necessary
cal	culations to justify the proposed	lloading	g conditi	ons shou	ld be co	mmunicated to the certify	ring Administration
	ich may authorize in writing the						
	, c	•		1 1		S	
Th	is Certificate is valid until					³ subject to surveys	in accordance with 1.5
	the Code.					2009200000000000000000000000000000	
01	are code.						
Icc	ued at						
155	(Place of issue o	f Cortifi	eate)		. ,	(Date of issue)	
	(Fluce of issue of	Ceriiji	caie)			(Date of issue)	
Th	e undersigned declares that he is du	ly author	rized by t	he said G	overnmen	nt to issue this Certificate.	
		_					
						uing the Certificate	
			aı	nd/or sea	l of issu	ng authority)	77900
otes o	n completion of Certificate:						

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"Ship type": any entry under this line must be related to all relevant recommendations, e.g. an entry "Type 2G" should mean type 2G in all respects prescribed by the Code.

Paragraphs 2.1 and 2.2: the ambient temperatures accepted or required by the Administration of the purposes of 4.8.1 of the Code to be inserted. Paragraph 2.3: stress factors and materials as accepted or required by the Administration for the purposes of 4.5.1.4 and 4.5.1.6 of the Code to be inserted.

Paragraph 2.4: temperature accepted by the Administration for the purposes of 4.5.1.7 to be inserted.

Paragraph 3: only products listed in chapter 19 of the Code or which have been evaluated by the Administration in accordance with paragraph 1.1.6 of the Code or of their compatible mixtures having physical properties within the limitations of tank design should be listed. In respect of the latter "new" products, any special requirements provisionally prescribed should be noted.

- Delete as appropriate.
- Instead of being incorporated in the Certificate, this text may be appended to the Certificate if duly signed and stamped. 2.
- Insert the date of expiry as specified by the Administration in accordance with 1.5.6.1 of the Code. The day and the month of this date correspond to the anniversary date as defined in 1.3.3.3 of the Code, unless amended in accordance with 1.5.6.8 of the Code.

ENDORSEMENT FOR ANNUAL AND INTERMEDIATE SURVEYS

THIS IS TO CERTIFY that relevant provisions of the C		5.2 of the C	Code, the ship was found to comply with the
Annual Survey:		Signed:	(Signature of authorized official)
			(Signature of authorized official)
]	Place:	
]	Date:	
	(Seal or stamp of the		
Annual ¹ /Intermediate ¹		Signed:	(Signature of authorized official)
Survey:			(Signature of authorized official)
		Place:	
		Date:	
	(Seal or stamp of the	authority, a	s appropriate)
Annual ¹ /Intermediate ¹		Signed:	(Signature of authorized official)
Survey:			(Signature of authorized official)
		Place:	
		Date:	
	(Seal or stamp of the	authority, a	as appropriate)
Annual Survey:	;	Signed:	(Signature of authorized official)
			(Signature of authorized official)
		Place:	
		Date:	
	(Seal or stamp of the	authority, a	as appropriate)
Annual/intermediate s THIS IS TO CERTIFY that, at Cound to comply with the releva	an annual/intermediate ¹ surant provisions of the Code.	vey in accor	5.6.8.3 rdance with 1.5.6.8.3 of the Code, the ship was (Signature of authorized official)
		Place:	
	(Seal or stamp of the		
	I the Certificate if vo	alid for l	ess than 5 years where 1.5.6.3 applied estificate should, in accordance with 1.5.6.3 of the
1			
			(Signature of authorized official)
		Place:	
		Date:	
	(Seal or stamp of the	authority, a	as appropriate)

^{1.} Delete as appropriate.

Endorsement where the renewal survey has the ship complies with the relevant provisions of the Code, be accepted as valid until	le, and this Certificate should, in accordance with 1.5.6.4 of the
	Signed:(Signature of authorized official)
	(Signature of authorized official)
	Place:
	Date:
(Seal or stamp of the	he authority, as appropriate)
for a period of grace where 1.5.6.5/1.5.6.6 This certificate should, in accordance with 1.5.6.5/1.5.6.6	
until	Signed:
	Signed:(Signature of authorized official)
	Place:
	Date:
(Seal or stamp of the	he authority, as appropriate)
Endorsement for advancement of anniversal In accordance with 1.5.6.8 of the Code, the new anniversal	ary date is
	Signed:(Signature of authorized official)
	Place:
(Seel or stamp of the	Date:
In accordance with 1.5.6.8 of the Code, the new anniversal	ary date is
	Signed: (Signature of authorized official)
	Place:
	Date:
(Seal or stamp of th	e authority, as appropriate)

^{1.} Delete as appropriate.

ENCLOSURE 1A to the Certificate of Fitness for the Carriage of Liquefied Gases in Bulk

PRODUCTS AND CONDITIONS LIST			
Products	Conditions of Carriage (tank numbers, minimum temperature, MARVS, maximum density, tank loading conditions, etc.)		
Tank numbers referred to in this list are identified on the annexed, signed and dated tank plan numbered 2A.			
	Signature of official issuing the certificate and/or seal of issuing authority		
	Date of issue		

En (OEO) OTHE 211 to the Continues of 1 thicks for the	
TA	ANK PLAN
	above/Below Main Deck
'	BOW
PORT	STARBOARD
	ΓERN
	IEMN
	Signature of official issuing the certificate and/or seal of issuing authority
	Date of issue

ENCLOSURE 3A to the Certificate of Fitness for the Carriage of Liquefied Gases in Bulk

Equivalents to the provisions, procedures, or arrangements required by the Code:		
	Signature of official issuing the certificate and/or seal of issuing authority	
	Date of issue	
	Date of issue	

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